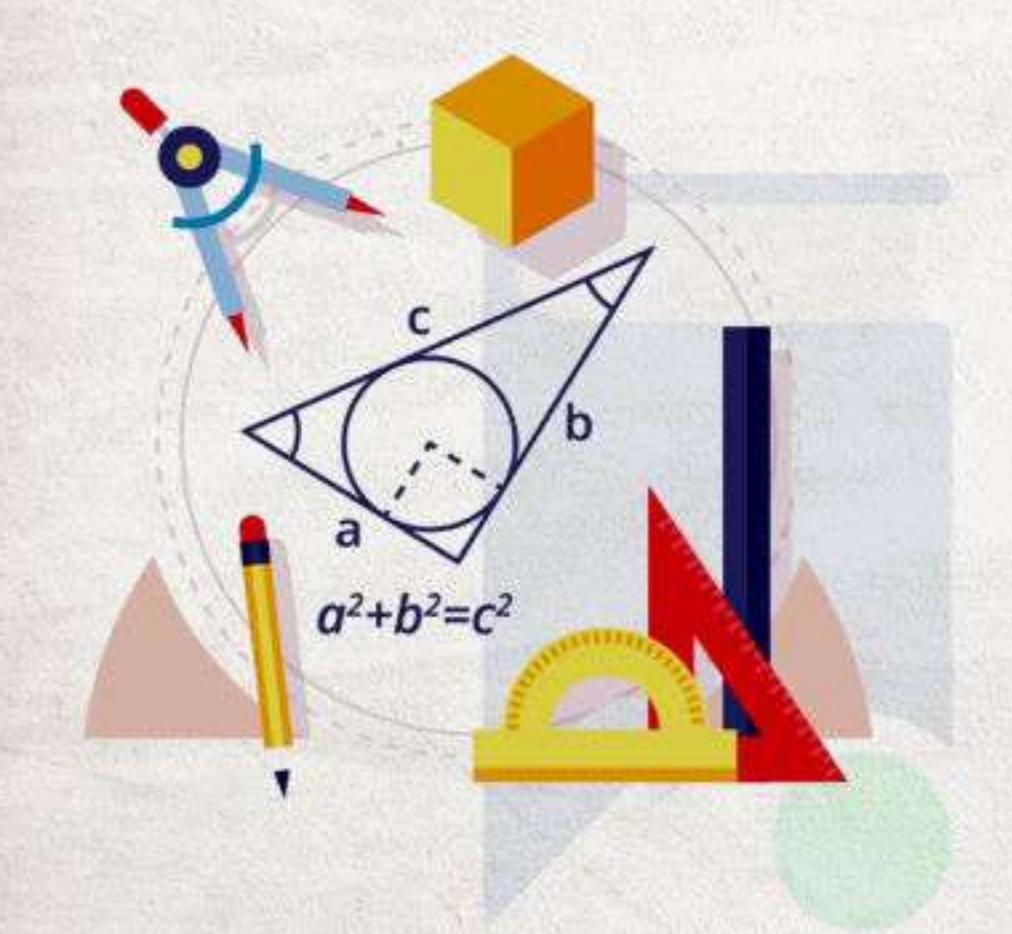
المراجعة رقم(1)









Pure Mathematics

Senior 2

Final Revision

MR/ Ahmed Baset



Determine the domain of the following function

The domain of the function $f(x) = \sqrt{x - 5}$ *is ....*



Determine the domain of the following function

$$The\ domain\ of\ the\ function\ f(x) = \frac{2}{\sqrt{7-x}}\ is\ ....$$





Determine the domain of the following function

$$\text{The domain of the function } f(x) = \frac{1}{\sqrt[3]{x} - 3} \text{ is ....}$$





Determine the domain of the following function

The domain of the function $f(x) = \frac{7}{\sqrt{|x| - 2}}$ is ....



Determine the domain of the following function

The domain of the function $f(x) = \sqrt{x^2 - 5x + 6}$ *is ....*





Determine the domain of the following function

The domain of the function $f(x) = \log_{(x-2)} 5 - x$ *is ..*



Determine the domain of the following function

$$The\ domain\ of\ the\ function\ f(x) = \frac{\sqrt{x-5}}{\sqrt{9-x}}\ is\ ....$$





Determine the rang of the following function

The range of the function $f(x) = 2 - \frac{3}{x-1}$ is ………





Determine the rang of the following function

The range of the function $f(x) = 2 - \dfrac{3}{|x-1|}$ *is ……..*





Determine the rang of the following function

The range of the function $f(x) = |x - 3| - 5$ *is ……..*



Determine the rang of the following function

$$The\ range\ of\ the\ function\ f(x) = \begin{cases} 2 & ; x \geq 7 \\ -5 & ; x < 7 \end{cases}\ is\ \ldots\ldots$$



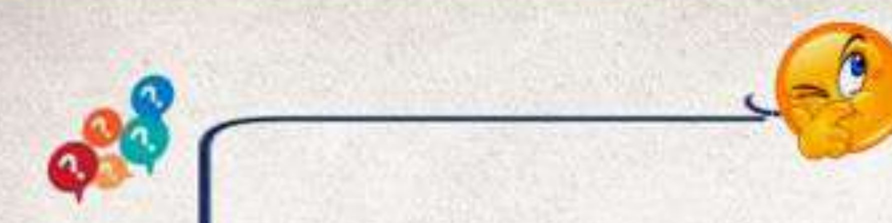

Essay questions

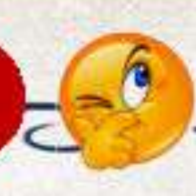


$If\ the\ domain\ of\ the\ function\ f(x) = \frac{x-5}{x^2-4x+k}$ is $R - \{2\}$

then $k = \cdots$







Essay questions

If the domain of the function $f(x) = \sqrt{x - a}$ *is* $[-3, \infty[$ *then* $a = \cdots$

$If\ f, g : R \rightarrow R\ where\ f(x) = 3x + 1\ and$

$(g + f)(x) = x^3 + 2x - 1\ \ then\ \ g(-1) = \ \ldots$

 1

 -1

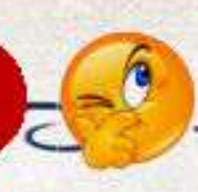
 2

 -2





Essay questions



A man deposited 5000L.E in a bank with annual interest 5% then the total money after 7 years is ....L.E





If the curve of the function $f(x) = \log_a x$ *passes through* (8,3) then a=...

 2

 3

 -2

-3



The vertex of the curve $f(x) = x^2 - 4x + 5\ is$ ...

- (1 , 2)
- (-1 , 2)
- (2 , 1)
- (-2 , 1)



Which of the following figures represent the curve of a function its range ≠ its domain ?

- -2, -1, 1, 2 (x); 2, 1, -1, -2 (y)
- -2, -1, 1, 2, 3 (x); 2, 1, -1 (y)
- -2, -1, 1, 2 (x); 2, 1, -1 (y)
- -2, -1, 1, 2, 3 (x); 2, 1, -1 (y)



$If\ f(x) = \{(1,2), (3,5), (4,1)\}\ and\ \ g(x) = \{(1,3), (4,2)\}$

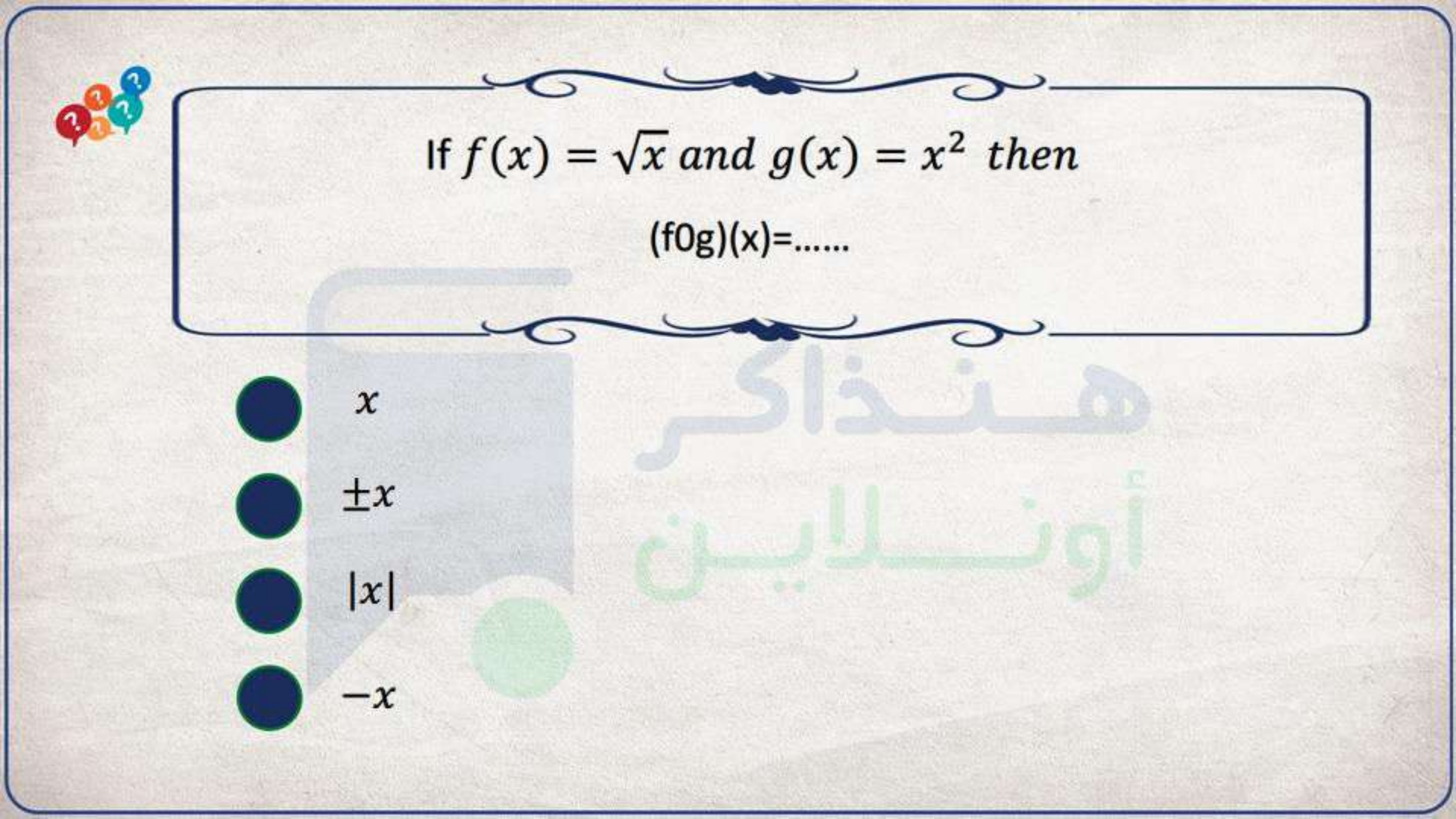
$then\ (f + g)(x) = \cdots.$

- $\{(2,5), (8,3)\}$
- $\{(1,5), (4,3)\}$
- $\{(1,5), (8,2), (3,5)\}$
- *otherwise*



If the function F is an even function where $f(1)=2$ which of the following points $\in f$

- $(-1, 2)$
- $(1, -2)$
- $(-1, -2)$
- $(2, 1)$



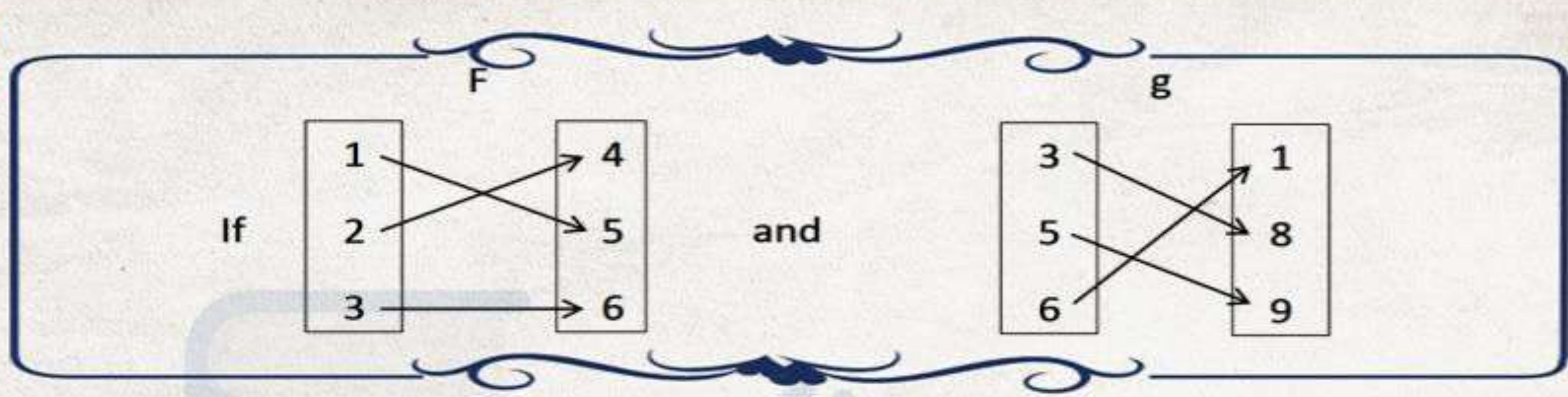
If $f(x) = \sqrt{x}$ and $g(x) = x^2$ then
(f0g)(x)=……
x
$\pm x$
$|x|$
$-x$



Which of the following is one - to – one function?

- $y = |x|$
- $y = x^2$
- $y = x^3$
- $y = 2$



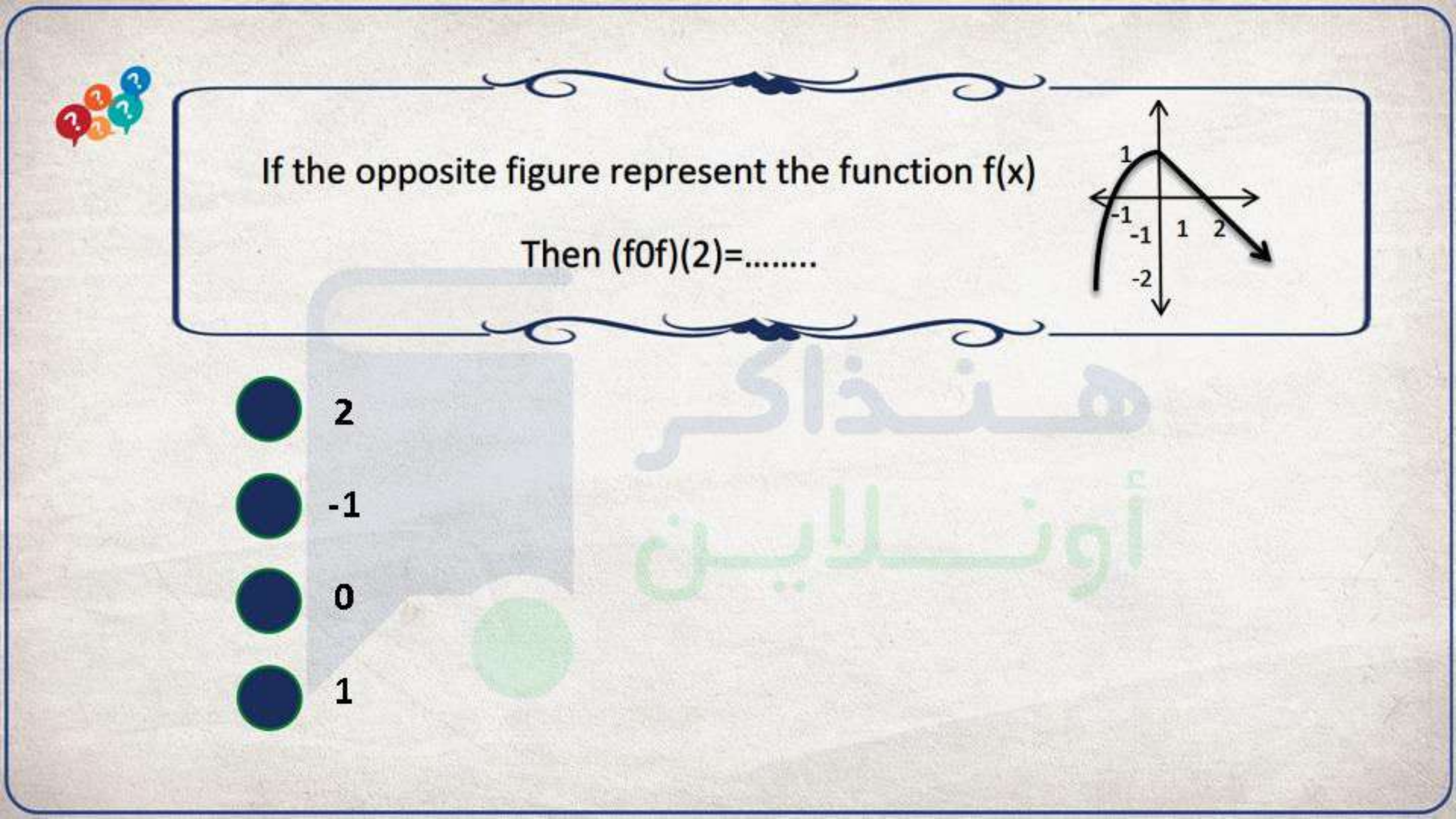


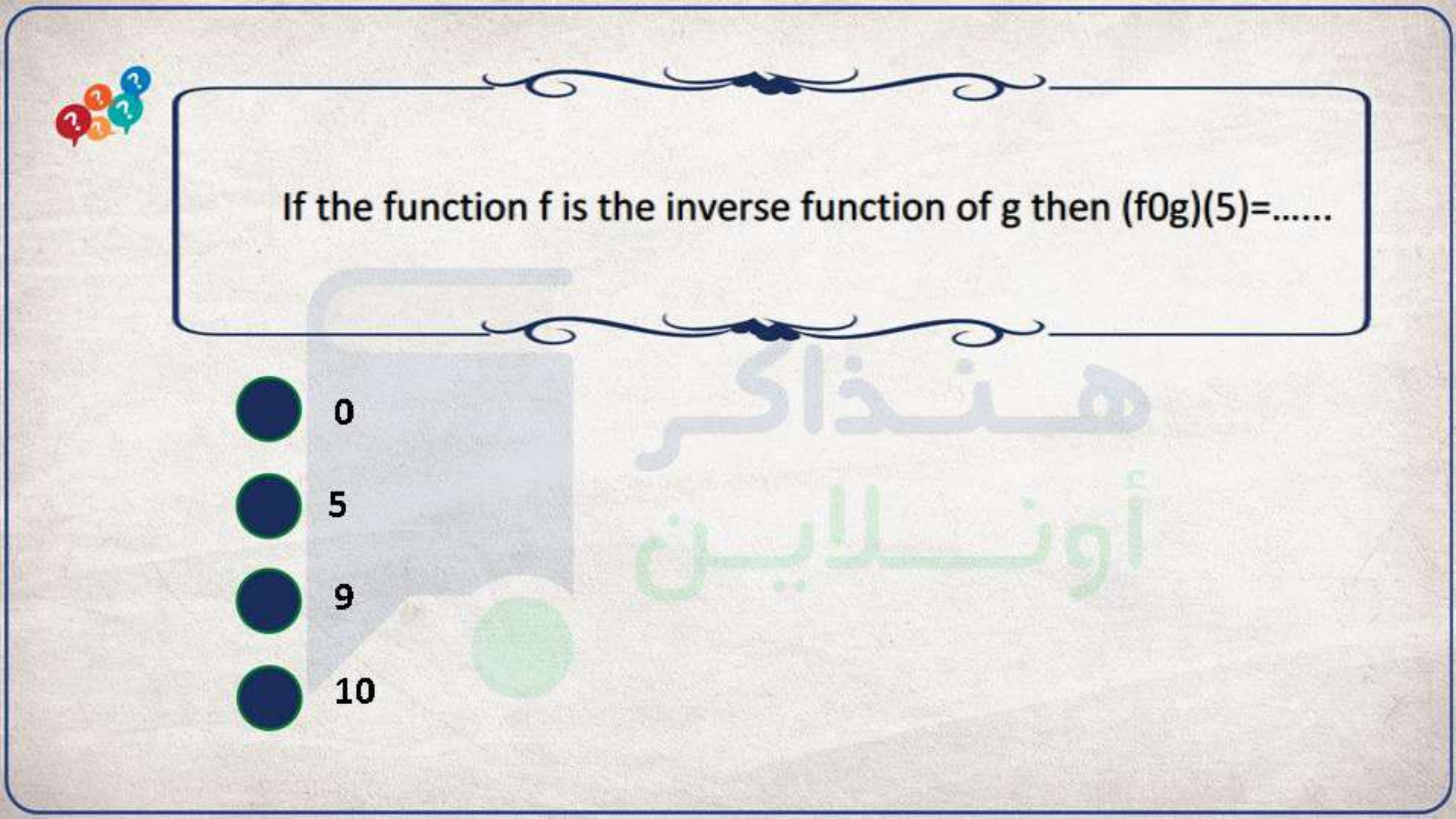
(i) (f0g)(6)=........ [1 , 3 , 5 , 6]

(ii) (g0f)(1)=........ [1 , 5 , 6 , 9]

(iii) $f^{-1}(4)$ =....... [1 , 2 , 3 , 5]

(iv) $g^{-1}(1)$ = ... [1 , 3 , 5 , 6]


If the opposite figure represent the function f(x)
Then (f0f)(2)=........
1
-1
-1
1
2
-2
2
-1
0
1
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If the function f is the inverse function of g then (f0g)(5)=……
0
5
9
10
هنذاكر
أونلاين



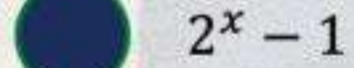
If $f(x) = x^3$ is translated 4 units to the right and 2 units down then the resulted function is ....

- $-(x+4)^3 - 2$
- $-2-(x-4)^3$
- $(x-4)^3 - 2$
- $(x+4)^3 - 2$



If $f(x) = 2^x$ is translated one unit to the left then the resulted function is ...







$2^x + 1$



The function $f(x) = 3^x$ is the image of $g(x) = -3^x$ by reflection in the straight line ....



- $x=0$



- $y=0$
- $x=y$
- $x= -y$



If the function f is real function its domain is [-2,3] then the domain of F(x-2) is ....

- *[-4,1]*
- *[0,3]*
- *[0,5]*
- *[-2,3]*



If the function f is real function its domain is [-2,3] then the domain of the function f(x)+2 is .....

- [-4,1]
- [0,3]
- [0,5]
- [-2,3]



The solution set of the equation $|x+1|+|x|=0$ *is …*

- $\{0\}$
- $\{-1\}$
- $\{0,-1\}$
- $\emptyset$



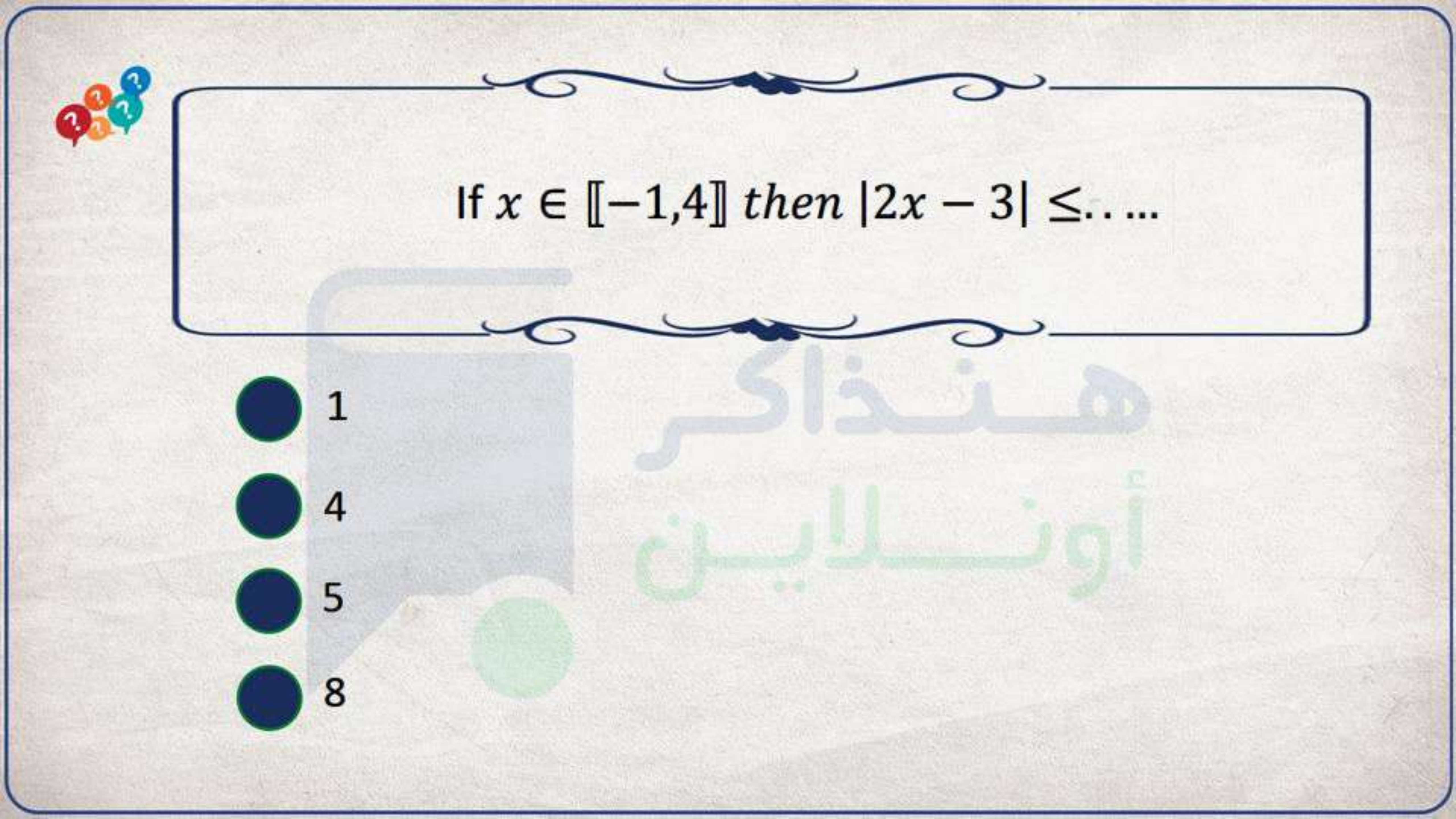
The solution set of the equation $|x-2| = 2-x$ *is …….*

- $\{0\}$
- $]-\infty, 2]$
- $]-\infty, 2[$
- $\emptyset$



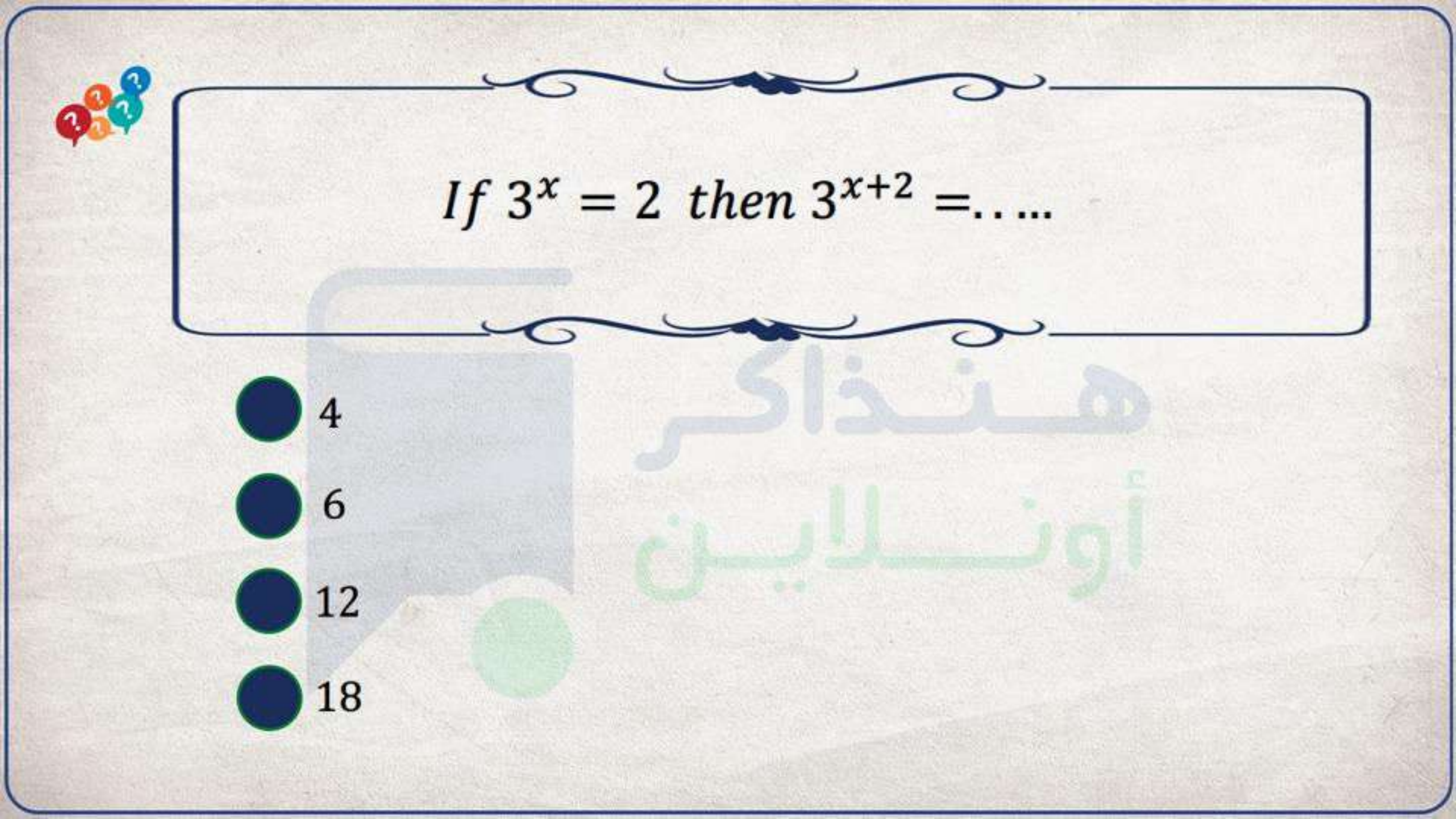
The solution set of the inequality $\sqrt{x^2 - 6x + 9} \leq 3$ *is …..*

- R^-
- $R -]0,6[$
- $[0,6]$
- R^+


If $x \in [\![-1,4]\!]$ $then$ $|2x-3| \leq \ldots\ldots$
1
4
5
8
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If $x > 0$, $y < 0$ $then$ $\sqrt{x^2} + \sqrt{y^2} - (x + y) =$.......

- 0
- $2x$
- $2y$
- $-2y$



$If\ 3^x = 2\ \ then\ 3^{x+2} = \ldots\ldots$
4
6
12
18
هنذاكر
أونلاين

The S.S of the equation $x^{\frac{4}{3}} - 10 \times x^{\frac{2}{3}} + 9 = 0$

- $\{1,27\}$
- $\{\pm 1, \pm 27\}$
- $\{-1,27\}$
- $\{\pm 27\}$

If $f(x) = a^x$, $then$ $f(x+1) \times f(x-1) = f(\ldots)$

- 2
- a^{2x}
- $2x$
- x^2

If $f(x) = a^x$, $a > 1$ and $f(x) < 1$ then $x \in \ldots$

- R^+
- R^-
- $]0,1[$
- $]1, \infty[$

If $f(x) = (a-2)^x$ then $x \in \cdots$

- R^+
- $R^+ - \{1\}$
- $]2, \infty[$
- $]2, \infty[- \{3\}$



If (a,b) lies on the curve $f(x)=2^x$ which of the following points ∈ the function

$$g(x) = (\frac{1}{2})^x$$

- (a,b)
- (-a,b)
- (a,-b)
- $(a, \frac{1}{2}b)$



The image of the point (3,5) by reflection in the straight line y=x is ....

- (3,-5)
- (5,3)
- (5,-3)
- (-3,-5)



If log2=x and log3=y then log24=.....

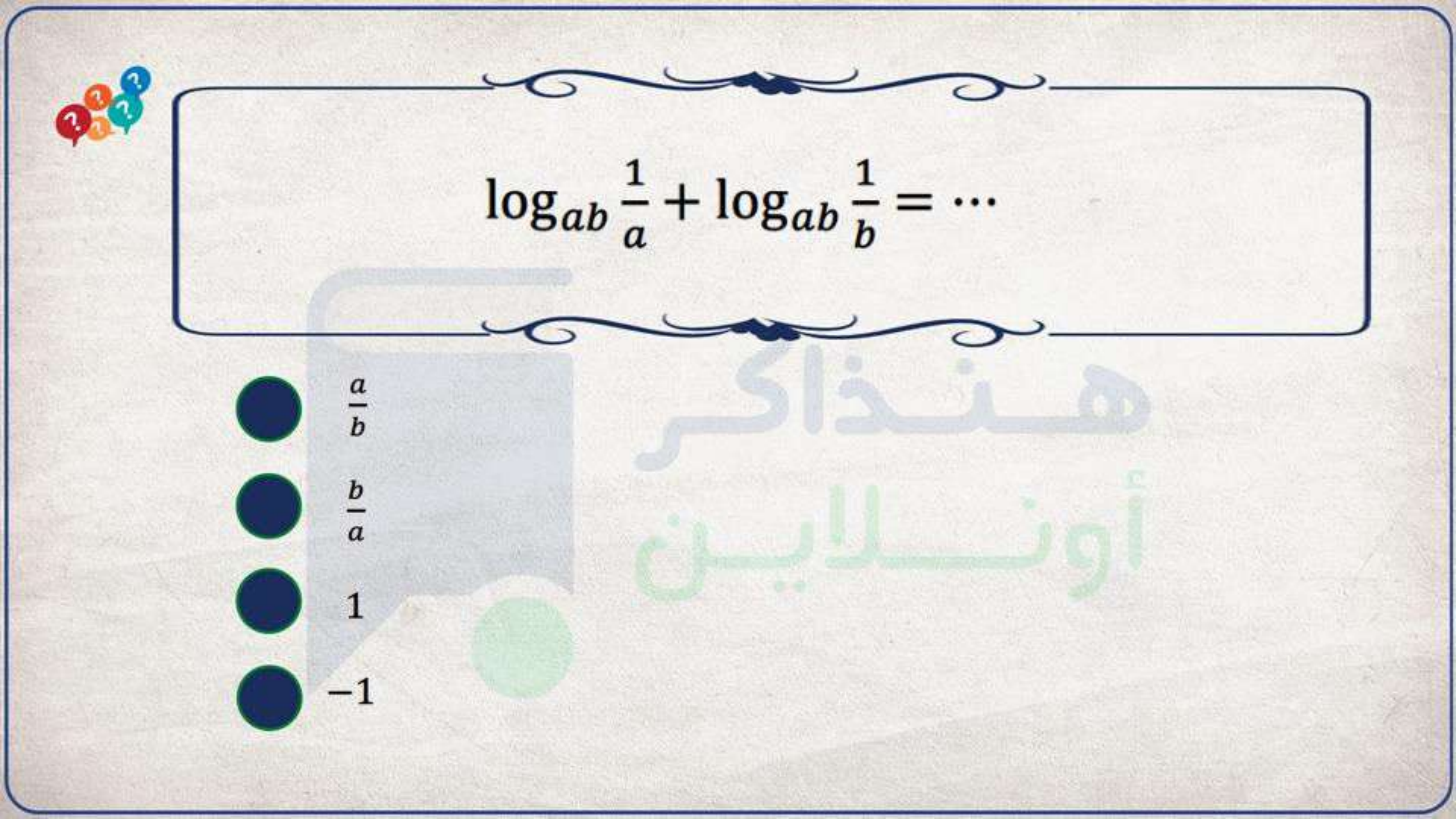
- $x^3 + y$
- $x + y^3$
- $3x + y$
- $x + 3y$



If the curve $y=\log_4(1-ax)$ *passes through the point* $\left(\frac{1}{4},-\frac{1}{2}\right)$

then $a=\cdots$

- 2
- 3
- 4
- 6


$\log_{ab}\frac{1}{a}+\log_{ab}\frac{1}{b}=\cdots$
$\frac{a}{b}$
$\frac{b}{a}$
1
−1



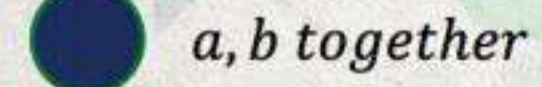
$$\log_b a \times \log_c b \times \log_d c = \cdots$$

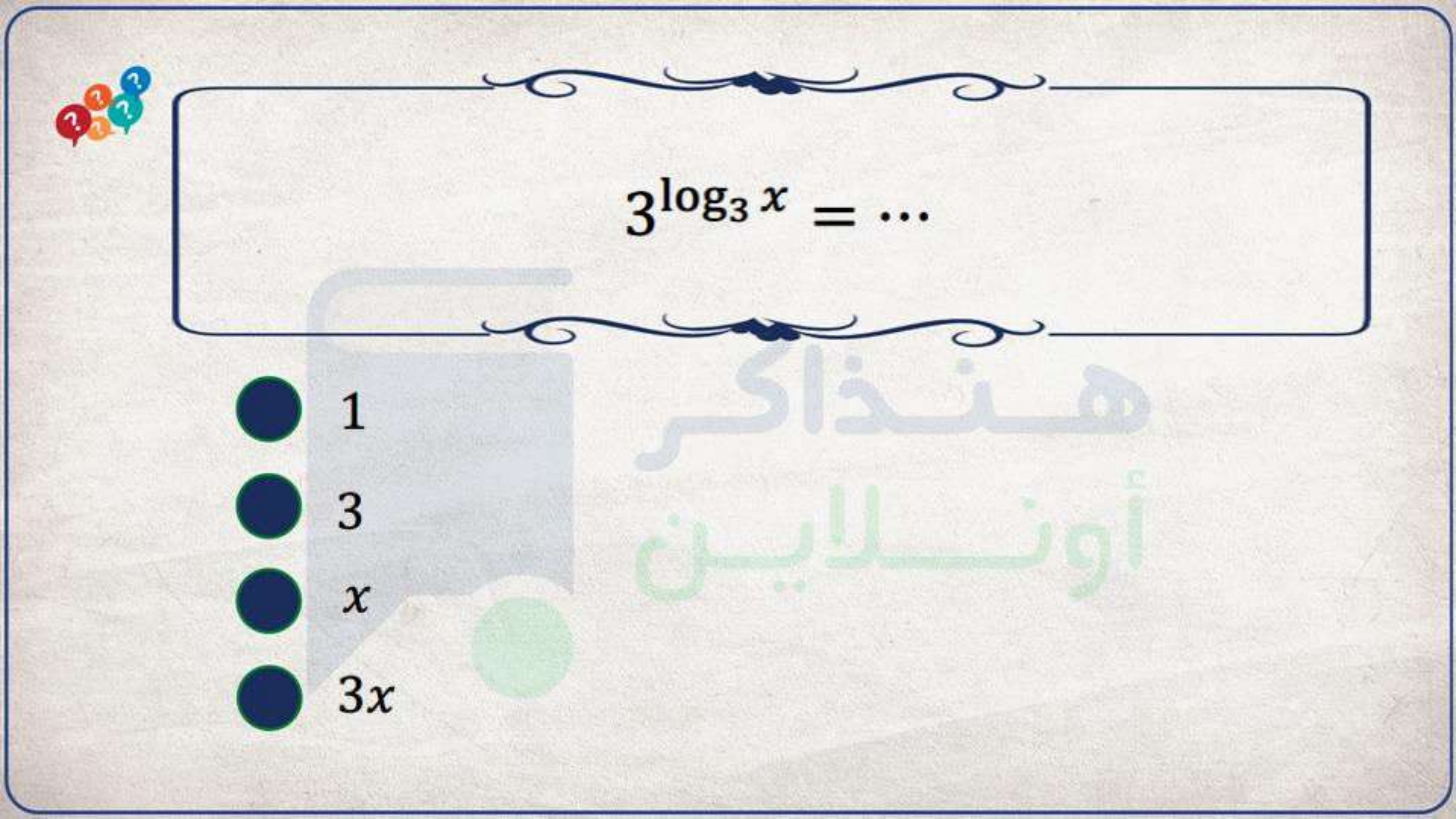
- 1
- $loga$
- $logd$
- $\log_d a$



If $\log_x y = \log_y x$ $then$ … … …

- $x = y$
- $x = \frac{1}{y}$
- $y = x^2$
- a, b $together$





$3^{\log_3 x} = \dots$
1
3
x
$3x$
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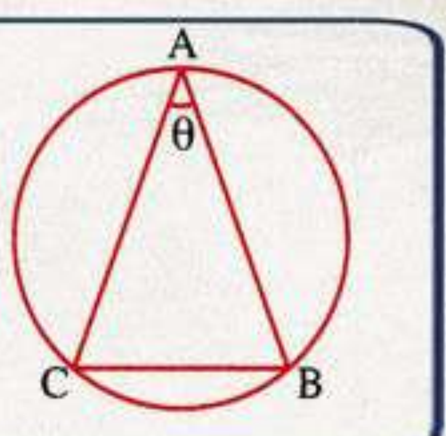
$$\log \tan 1^\circ + \log \tan 2^\circ + \log \tan 3^\circ + \cdots + \log \tan 88^\circ + \log \tan 89^\circ = \ldots\ldots\ldots\ldots$$

- Zero
- 1
- 10
- 89



In the opposite figure :

ABC is a triangle inscribed in a circle whose radius length is 4 cm. , m (∠ BAC) = θ^{rad} , then $\lim\limits_{\theta^{rad} \to 0} \frac{BC}{\theta^{rad}}$ = ...



 2

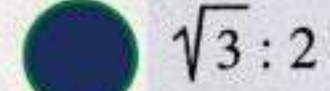
 4

 6

 8



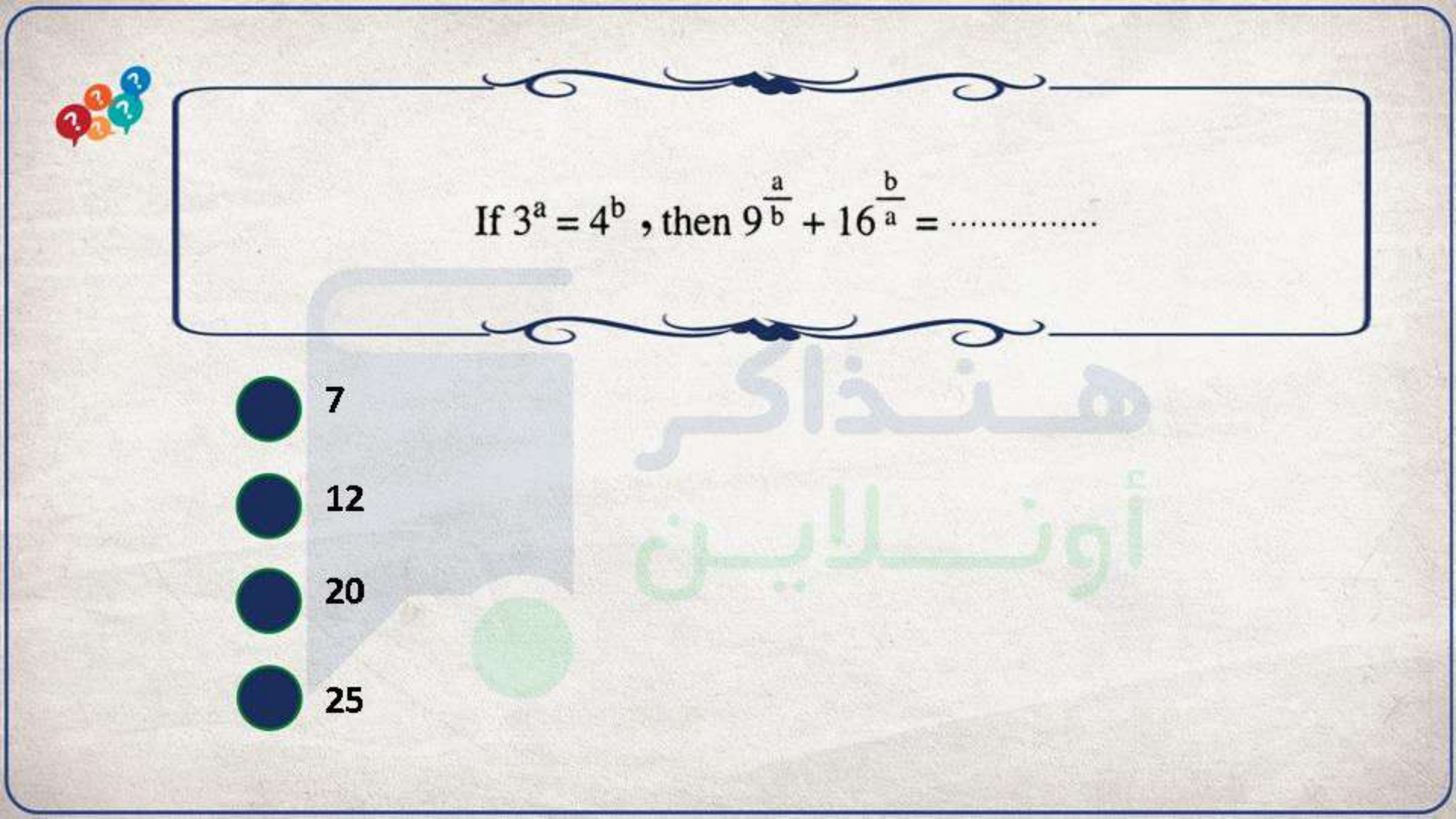
If the ratio among the measures of the angles of a triangle is 8 : 3 : 1 , then the ratio between the longest two sides in the triangle is ……………







8 : 5

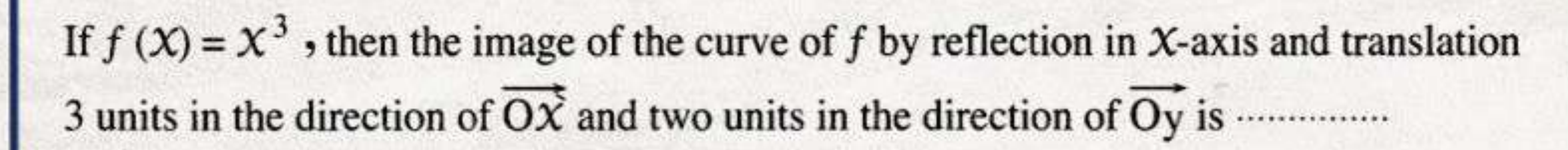


If $3^a = 4^b$, then $9^{\frac{a}{b}} + 16^{\frac{b}{a}} = \ldots\ldots\ldots\ldots$
7
12
20
25
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أونلاين

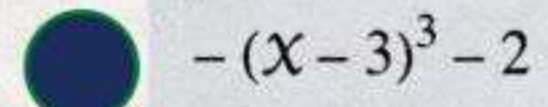
If $\lim\limits_{x \to \infty} \dfrac{3k|x|}{4x+3} = 6$, then k = ……………

- 6
- $\frac{3}{4}$
- 8
- 3





If $f(x) = x^3$, then the image of the curve of f by reflection in x-axis and translation 3 units in the direction of $\overrightarrow{Ox}$ and two units in the direction of $\overrightarrow{Oy}$ is ....



- $-(x-3)^3-2$
- $-(x+3)^3+2$
- $-(x+3)^3-2$
- $-[(x+3)^3+2]$

If $f(x) = x + 1$, $g(x) = \frac{x^2 - 1}{x - 1}$, then $\lim_{x \to 1} (g \circ f)(x) = \dots\dots\dots\dots$

- 1
- 2
- -2
- 3



If $\log_2 3 \times \log_3 4 \times \log_4 5 \times \cdots \times \log_n (n + 1) = 10$, then n = ...

- 9
- 10
- 11
- 1023



The domain of the function $f : f(x) = \sqrt{\sqrt{x^2} - 1}$ is ....

- $]-1 , 1[$
- $[-1 , 1]$
- $\mathbb{R} -]-1 , 1[$
- $\mathbb{R} - \{-1 , 1\}$



In ΔABC , $m(\angle A) = 112°$, $m(\angle B) = 33°$, $c = 19$ cm.

, then the diameter length of its circumcircle $\simeq$ .... cm.

- 16
- 17
- 32
- 33



If $2^{x} = 20$, $n < x < n + 1$, n is an integer , then n = ...

- 4
- 5
- 6
- 10



In Δ XYZ , $y^2 + z^2 - x^2 = 2\,y\,z \times$ ....

- Cos x
- Sin Z
- Cos Z
- sin x

If the function $f : f(x) = \begin{cases} 3x - 1 & , \quad x \neq 2 \\ 6 & , \quad x = 2 \end{cases}$, then $\lim_{x \to 2} f(x) =$ ....

- - 5
- 5
- 6
- Does not exist.

If $f(\mathcal{X}) = \log_2 (\mathcal{X} + a)$ and $f^{-1}(2) = -3$, then a = ……………

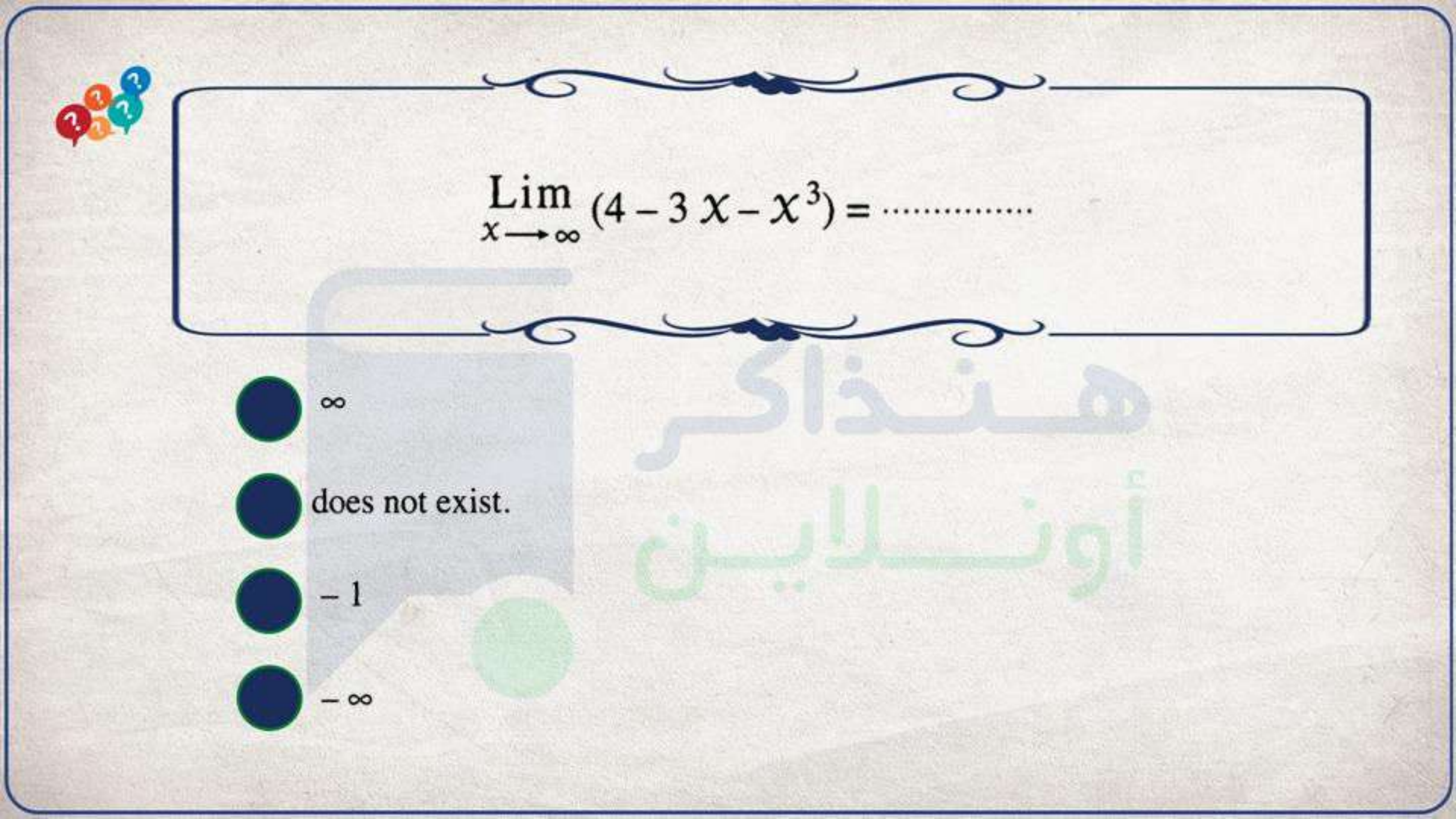
- -7
- 7
- 3
- 1



The exponential function whose base is a , is increasing if ....



- $a > 0$
- $a > 1$
- $0 < a < 1$
- $a = 1$



$\lim_{x \to \infty} (4 - 3x - x^3) = \ldots\ldots\ldots\ldots$
∞
does not exist.
-1
$-\infty$



If f is an odd function , a $\in$ the domain of f , then f (a) + f (– a) = ...

- 2 f (a)
- 2 f (– a)
- zero
- f (a)

If f is an odd function , then $\dfrac{2\,f\,(3) + 7\,f\,(-\,3)}{10\,f\,(-\,3)} =$ ……………

 3

 -3

 $\frac{1}{2}$

$-\frac{1}{2}$

If $f(x) = \sqrt{x+3}$, $g(x) = \sqrt{6-x}$, then $(f \circ g)(5) = \cdots\cdots\cdots\cdots$

- undefined
- zero
- 5
- 2



The range of the function $f : f(x) = \begin{cases} 2x + 3 & , \quad x > 3 \\ 9 & , \quad x < 3 \end{cases}$ is ....

- $\{3\}$
- $\mathbb{R}$
- $]9 , \infty[$
- $[9 , \infty[$



In ΔABC , if $m(\angle B) = 60°$, $m(\angle C) = 30°$, $c = 4$ cm. , then $b =$ .... cm.

 4

 8

 $2\sqrt{3}$

$4\sqrt{3}$

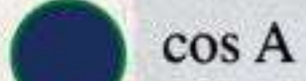


If the area of Δ ABC is "$\mathcal{X}$" and the radius length of its circumcircle is "r"

, then $\frac{4\,r\,\mathcal{X}}{a\,b\,c} = \ldots\ldots\ldots\ldots\ldots$



- $\frac{a}{\sin A}$



- $\cos A$



- 1
- r

If $\lim\limits_{x \to a^+} f(x) = \ell$, $\lim\limits_{x \to a^-} f(x) = m$ and the function is continuous at $x = a$

, then $\ell^2 + m^2 - 2\ell m =$ ....

- 1
- 3
- zero
- 6



If $a = \sin B$, $b = \sin C$, $c = \sin A$, then the circumference of the circumcircle of triangle ABC equals ....



1

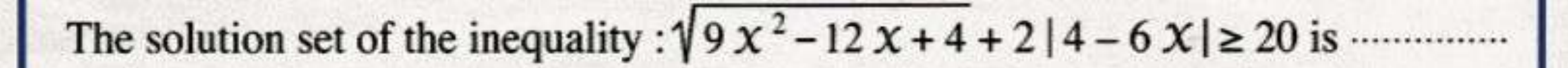


2π



$\frac{1}{2}\pi$

π



The solution set of the inequality : $\sqrt{9x^2-12x+4}+2|4-6x| \geq 20$ is ....

- $\mathbb{R}-\left]\frac{-2}{3},2\right[$
- $\left]\frac{-2}{3},2\right[$
- $\mathbb{R}-\left[\frac{-2}{3},2\right]$
- $\left[\frac{-2}{3},2\right]$







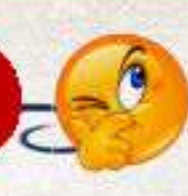
If the function $f : f(x) = \begin{cases} x^2 + a\,x - 2 & , \quad x > 2 \\ 4 & , \quad x = 2 \\ 5\,a + b\,x & , \quad x < 2 \end{cases}$ is continuous at $x = 2$

, find the value of each of a , b

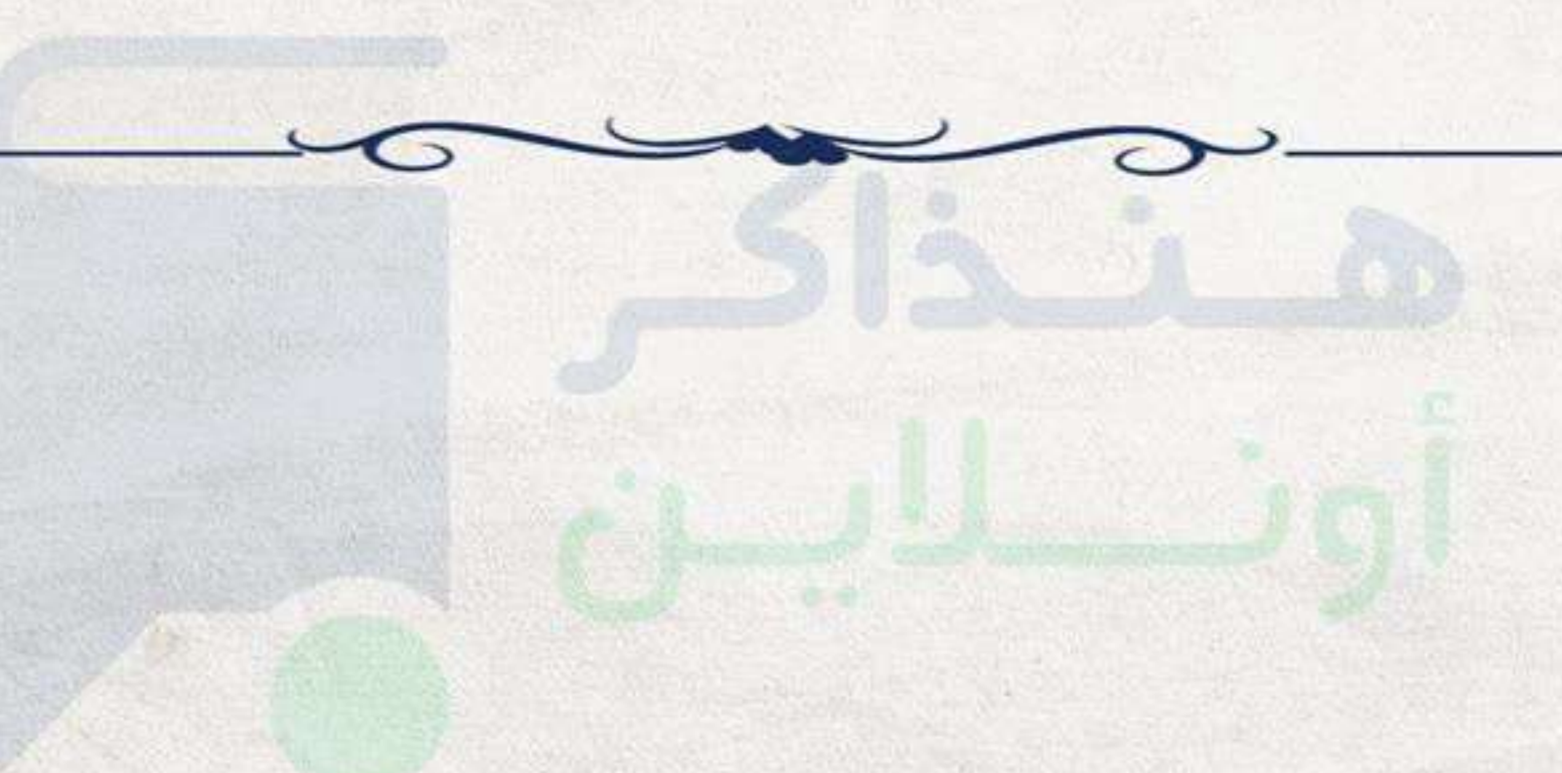




Essay questions



Find algebraically in $\mathbb{R}$ the solution set of the equation : $| x - 3 | = | 9 - 2x |$



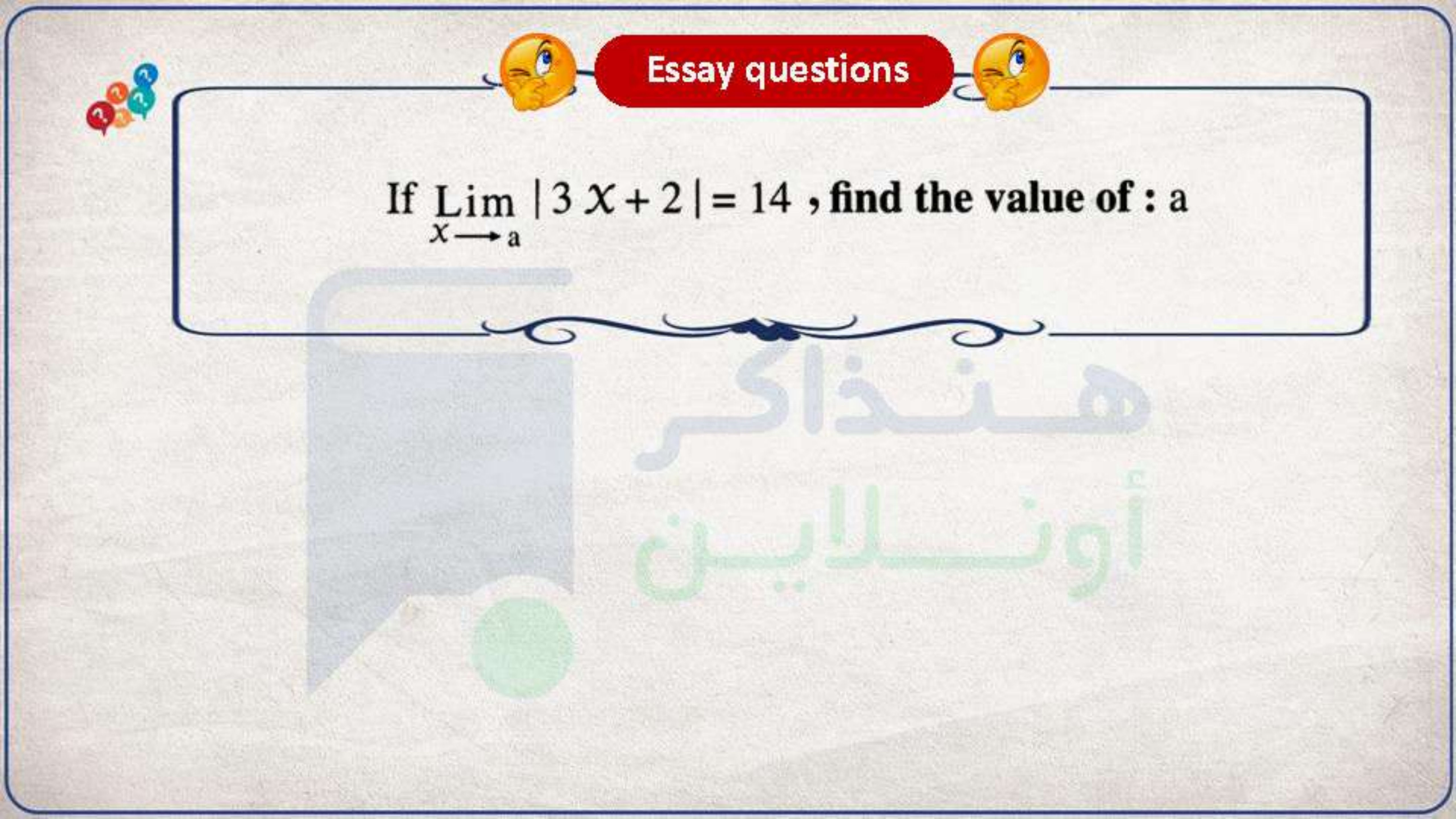


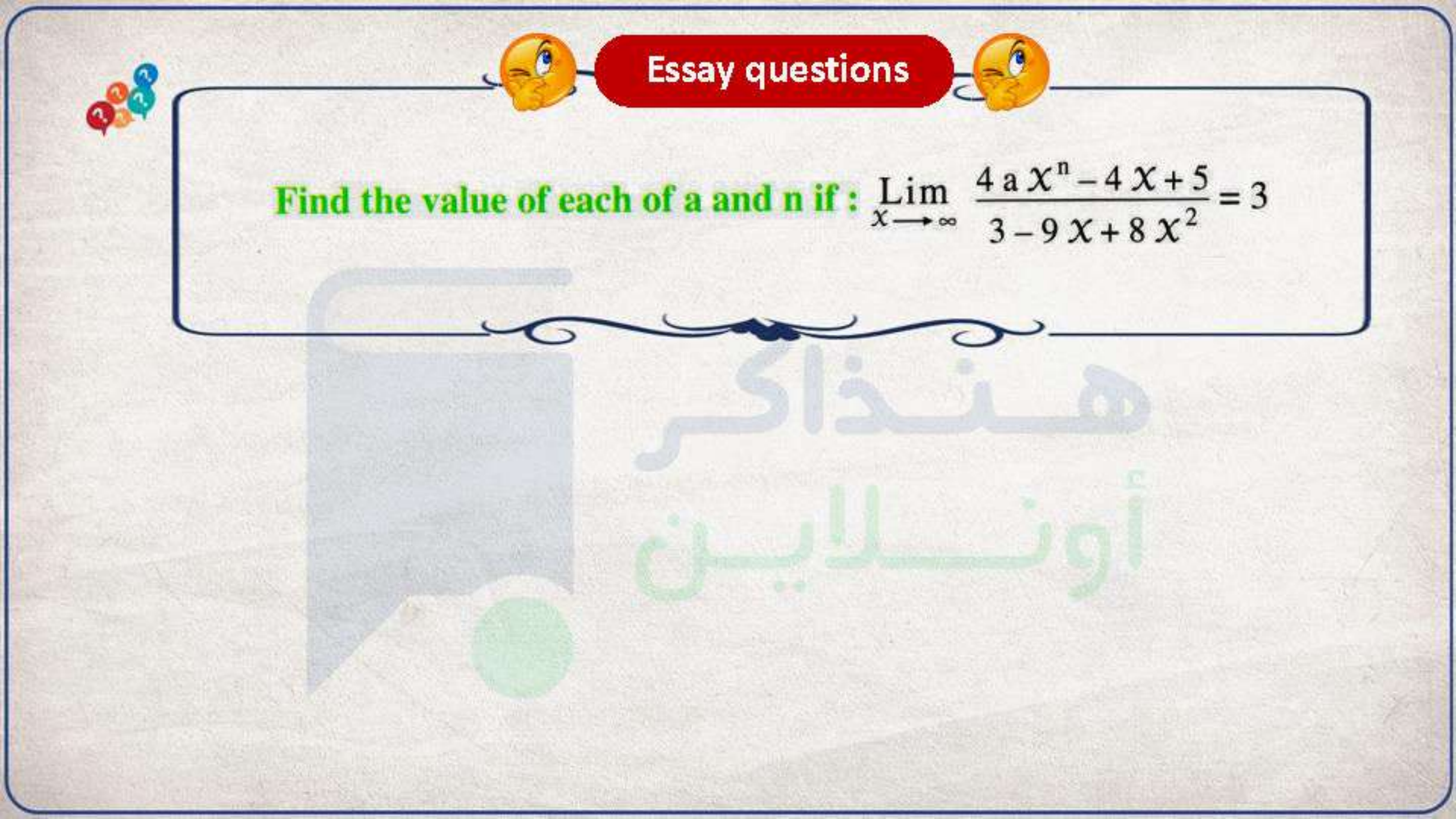

Essay questions

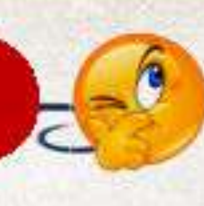


If $f(x) = 7^{x+1}$

, find the value of x which satisfies : $f(2x - 1) + f(x - 2) = 50$


Essay questions
If $\lim_{x \to a} |3x + 2| = 14$, find the value of : a
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Essay questions
Find the value of each of a and n if : $\lim_{x \to \infty} \frac{4 a x^{n} - 4 x + 5}{3 - 9 x + 8 x^{2}} = 3$
هنذاكر
أونلاين

Essay questions

$$\lim_{x \to \infty} \left(\frac{x+1}{\sqrt{x^2-1}} + a^{\frac{1}{x}} \right)$$ where a is positive.

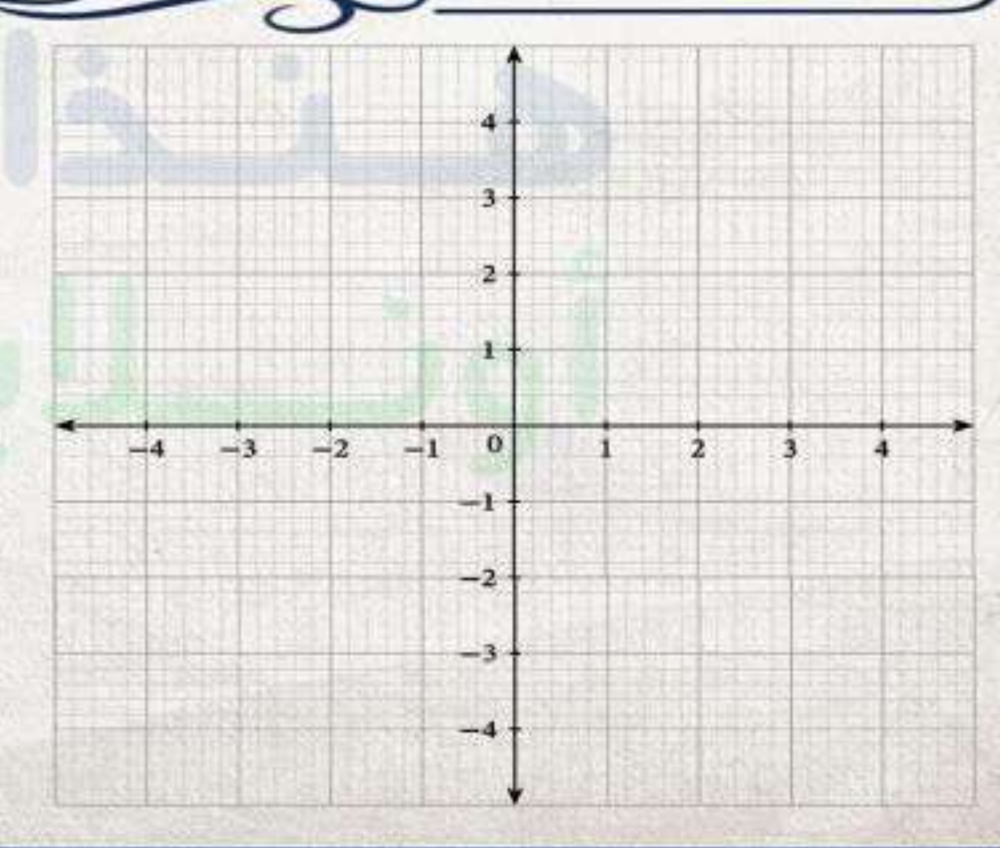



Essay questions



Represent graphically the following functions:

$$f(x) = 2 - x^2$$



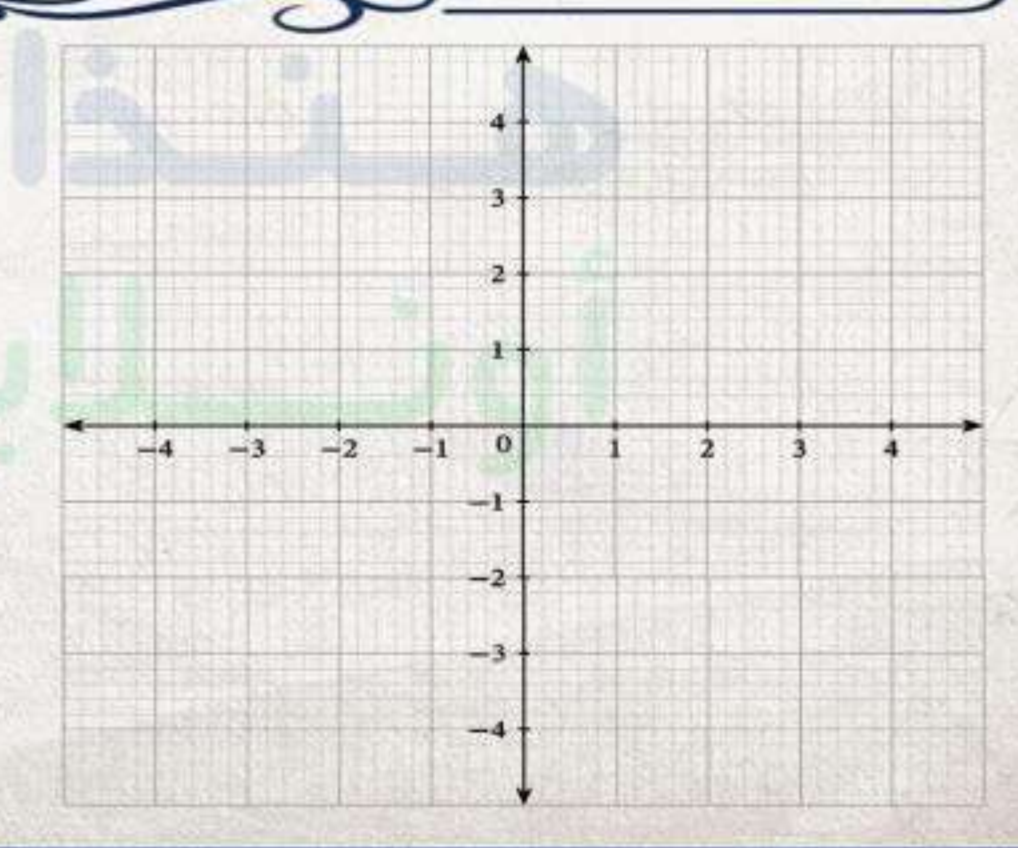



Essay questions



Represent graphically the following functions:

$$f(x) = \frac{x-1}{x}$$





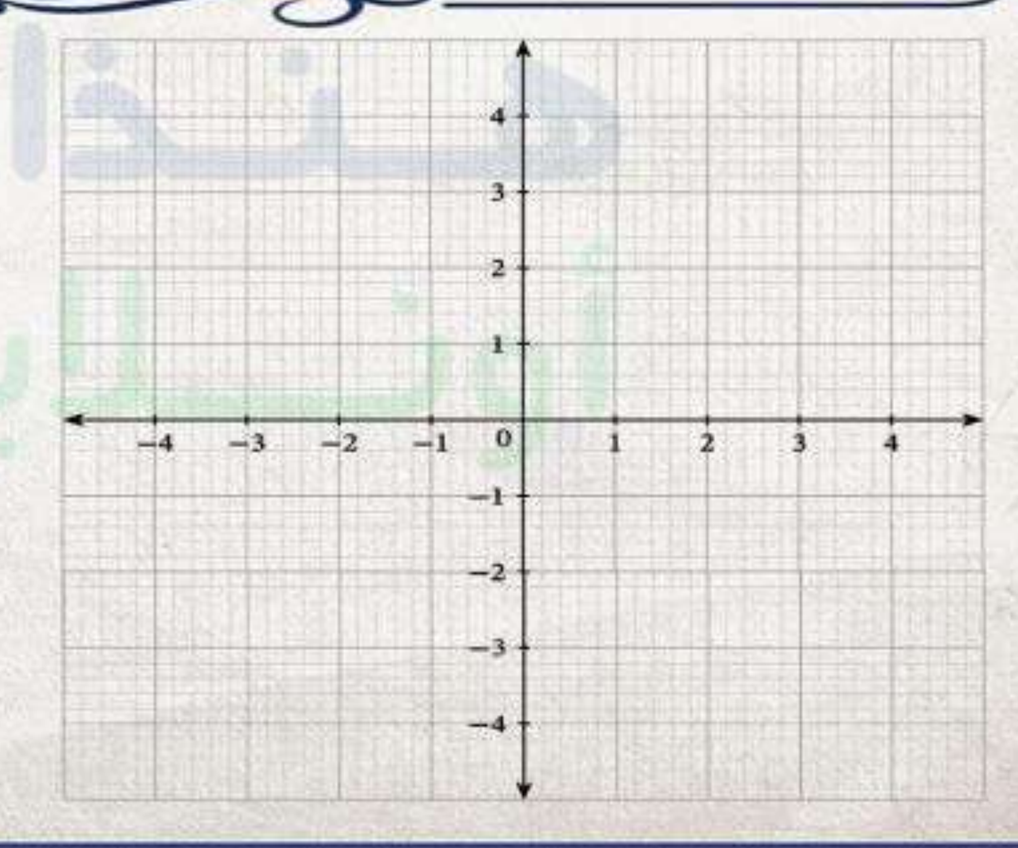


Essay questions



Represent graphically the following functions:

$$f(x) = (x - 1)^3$$



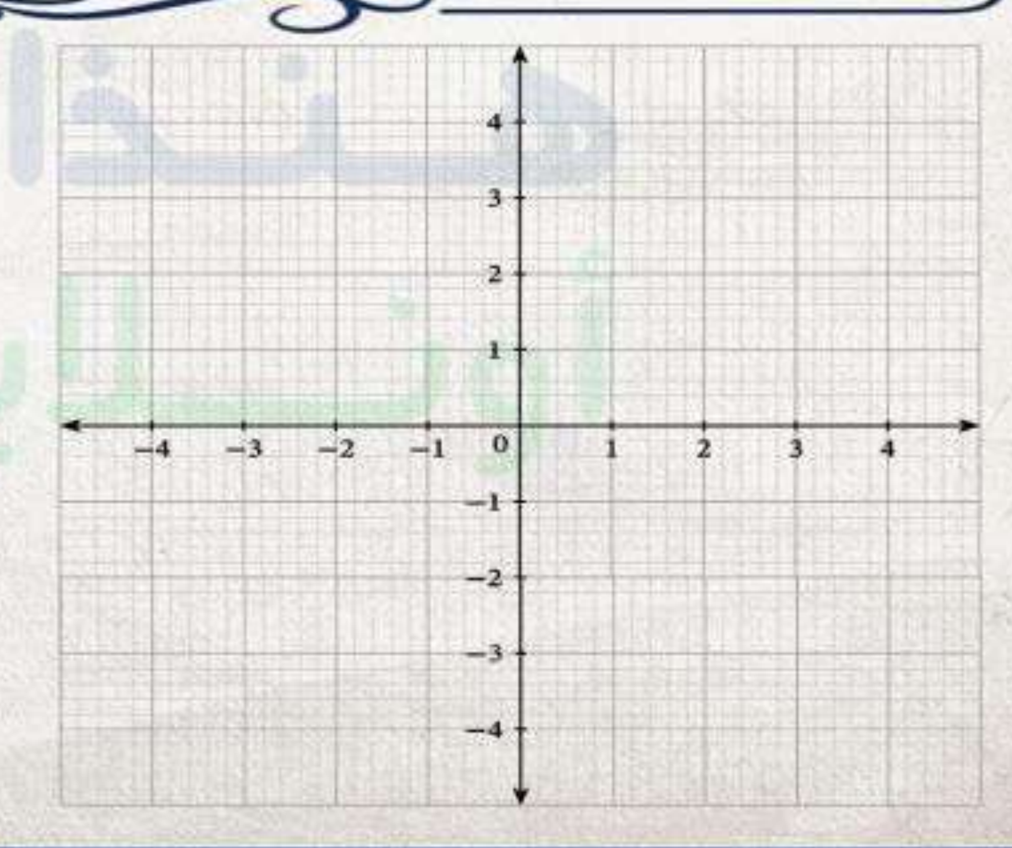



Essay questions



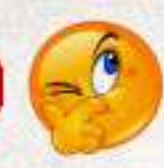
Represent graphically the following functions:

$$f(x) = |x + 1| - 2$$





Find each of the following



$$\lim_{x \to 0} \frac{(2x-1)^2-1}{5x}$$

$$\lim_{x \to 9} \frac{x+\sqrt{x}-12}{x-9}$$





كيفية طباعة صفحات معينة من ملف معين



مثلا ازاى نطبع الصفحات من صفحة 4 الى صفحة 9

خطوة 1

خطوة 2 اختيار اسم الطابعة بتاعتك

خطوة 3 كتابة الصفحات المراد طباعتها نكتب رقم 4 ثم نكتب الشرطة دي - ثم نكتب 9

خطوة 4 اختيار نوع الورق

خطوة 5 اختيار A4

خطوة 6

امتحانات رقم (1)











وزارة التربية والتعليم
الإدارة المركزية لتطوير المناهج
مكتب مستشار الرياضيات

Model Exam of Second year secondary First Term 2023- 2024

Mathematics **Time: 3 hours** **calculator is permitted**

نموذج استرشادى رياضيات للصف الثانى الثانوى (علمى) للعام الدراسى ٢٠٢٣ / ٢٠٢٤م

First: Choose the correct answer

1) The point of symmetry of the function $f(x) = (x + 2)^3 - 1$ is ....

A	(2 , 1)	B	(-2 , 1)	C	(-2 , -1)	D	(2 , -1)

2) The solution set of the inequality $|x - 5| < 3$ in R is ....

A	]2 , 8[	B	[2 , 8]	C	R –]2 , 8[	D	R – [2 , 8]

3) The solution set of the equation $\sqrt[3]{x^2} = 4$ in R is ....

A	{ 8 }	B	{ 16 }	C	{ - 8 , 8 }	D	{ - 16 , 16 }

4) If $\lim\limits_{x \to 1} \frac{x^2 + mx + k}{x - 1} = 3$, then $m \times k$ = ...

A	2	B	- 6	C	- 2	D	6

5) $\lim\limits_{x \to 2} \frac{x^6 - 64}{x^2 - x - 2}$ = ...

A	8	B	16	C	32	D	64



6) Number of possible solution of Δ ABC, where m(∠A) = 47° , a = 4cm, b = 6 cm equals ....

A	zero	B	2	C	3	D	infinite

7) In ΔABC, If a = 18 cm, b = 24 cm, c = 30 cm, then cos A = ...

A	$\frac{3}{5}$	B	$\frac{1}{4}$	C	$\frac{4}{5}$	D	$\frac{3}{4}$

Second: Choose the correct answer

1) The domain of the function f : f(x) = $\sqrt{-x}$ is ....

A	R – { 0 }	B	R	C	[0 , ∞[	D	]- ∞ , 0]

2) The One – To – One function of the following is f(x) = ...

A	6	B	$|x|$	C	sin x	D	x

3) If f(x) = 3^x, then f(x +2) × f(x – 2) = ...

A	f(2x)	B	f(x)	C	f(3x)	D	2f(x)

4) If (a , b) ∈ f(x), then .... ∈ f^{-1}(x)

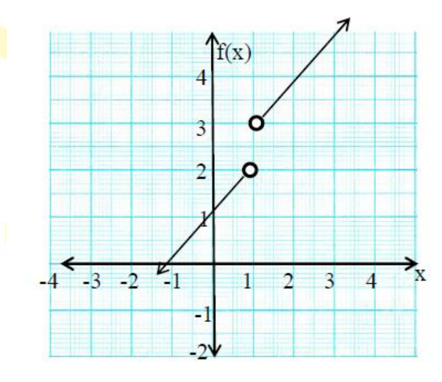
A	(a , - b)	B	(b , a)	C	(-a , -b)	D	(-b , -a)

5) If $3^x = 7$, then x = ……

A	$\log_3 7$	B	$\log_7 3$	C	log 3	D	log 7

6) In the opposite figure :

$\lim_{x\to 1} f(x)$ ……..



A	=1	B	=2	C	=3	D	not exist

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7) $\lim_{x\to 0} 6x^2 \csc 2x \cot x$ = ………

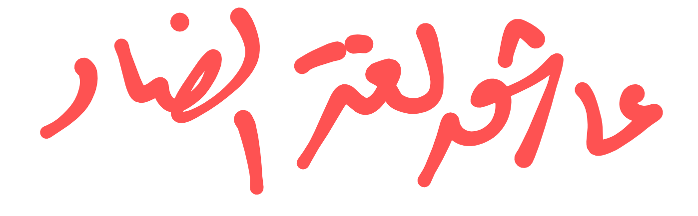
A	2	B	3	C	6	D	12

Thrid: Choose the correct answer

1) If f is a function : f(x) = $\begin{cases} x^2 + 1 & : x < 1 \\ 3x - 1 : & x > 1 \end{cases}$

then $\lim_{x\to 1} f(x)$ = ……

A	1	B	2	C	3	D	not exist



2) Area of the circumcircle of ΔABC in which $m(\angle A) = 30^\circ$, a = 10 cm, is …… cm^2

A	10π	B	20π	C	100π	D	25π

3) In the triangle ABC, if $\sin^2 A + \sin^2 B = \sin^2 C$, then the triangle is ………

A	equilateral Δ	B	isosceles Δ	C	right angled Δ	D	obtuse angled Δ

Δ

4) $\lim\limits_{x\to\infty} \dfrac{4x-7}{\sqrt{x^2-1}} =$ ………

A	1	B	4	C	- 7	D	7

5) $\lim\limits_{x\to 0} \dfrac{\tan 4x^2 + \sin^2 3x}{x^2} =$ ……..

A	7	B	13	C	19	D	25

6) Domain of the function f : $f(x) = \frac{1}{x-1} + 2$ is …………

A	R	B	Ø	C	R – {1}	D	R – {2}

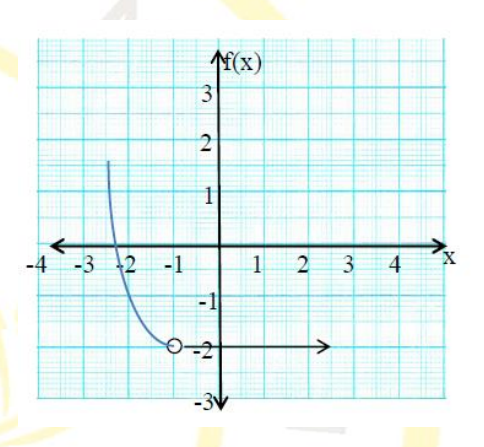
عاشور لغز العناد

7) The solution set of the equation $\log_2(4^x - 2) = x$ is .... where $x \in R$

A	{- 1 , 2}	B	{1}	C	{- 1}	D	Ø

Fourth: Choose the correct answer

1) The opposite figure represents the graph of the function f, then (f o f)(1) = ...



A	zero	B	-1	C	-2	D	1

2) If $2^x = 3$ and $3^y = 8$, then 3^{xy} = ...

A	3	B	8	C	24	D	27

3) A man bought a car for 75000 pound, if the price of the car decreases by a rate of 2 % yearly, then the price of the car after 10 years will become .... pound (to thenearest pound)

A	68120	B	61280	C	65280	D	64218





4) In the triangle ABC if m(∠A) = 80° , m(∠B) = 60° and c = 10, then a = ... (nearest cm)

A	15	B	14	C	16	D	13

5) In the triangle ABC if a = 36cm, b = 25cm , m(∠C) = 86°, then c = ... (to nearest cm)

A	24	B	42	C	38	D	30

6) $\lim\limits_{x\to\infty} \frac{6x^2 + x + 1}{2x^2 + 7}$

A	1	B	2	C	3	D	7

Fifth:

Draw the curve of the function f: $f(x) = (x+2)^2 - 3$,
then from the graph determine
the range, its monotonicity, is it even or odd or otherwise?

Sixth :

If the function f : $f(x) = \begin{cases} x^2 - a & : x \geq 3 \\ x + b & : x < 3 \end{cases}$

is continues function at x = 3, then find the value of a + b





وزارة التربية والتعليم
الإدارة المركزية لتطوير المناهج
مكتب مستشار الرياضيات

Model Answer Exam of Second year secondary First Term 2023- 2024
Pure Mathematics

نموذج اجابة استرشادى رياضيات بحتة للصف الثانى الثانوى (علمى) للعام الدراسى ٢٠٢٣ / ٢٠٢٤م

إجابة السؤال الأول: (سبع درجات كل مفردة درجة واحدة)

المفردة	1	2	3	4	5	6	7
الإجابة	C	A	C	C	D	A	C

إجابة السؤال الثانى: (سبع درجات كل مفردة درجة واحدة)

المفردة	1	2	3	4	5	6	7
الإجابة	D	D	A	B	A	D	B

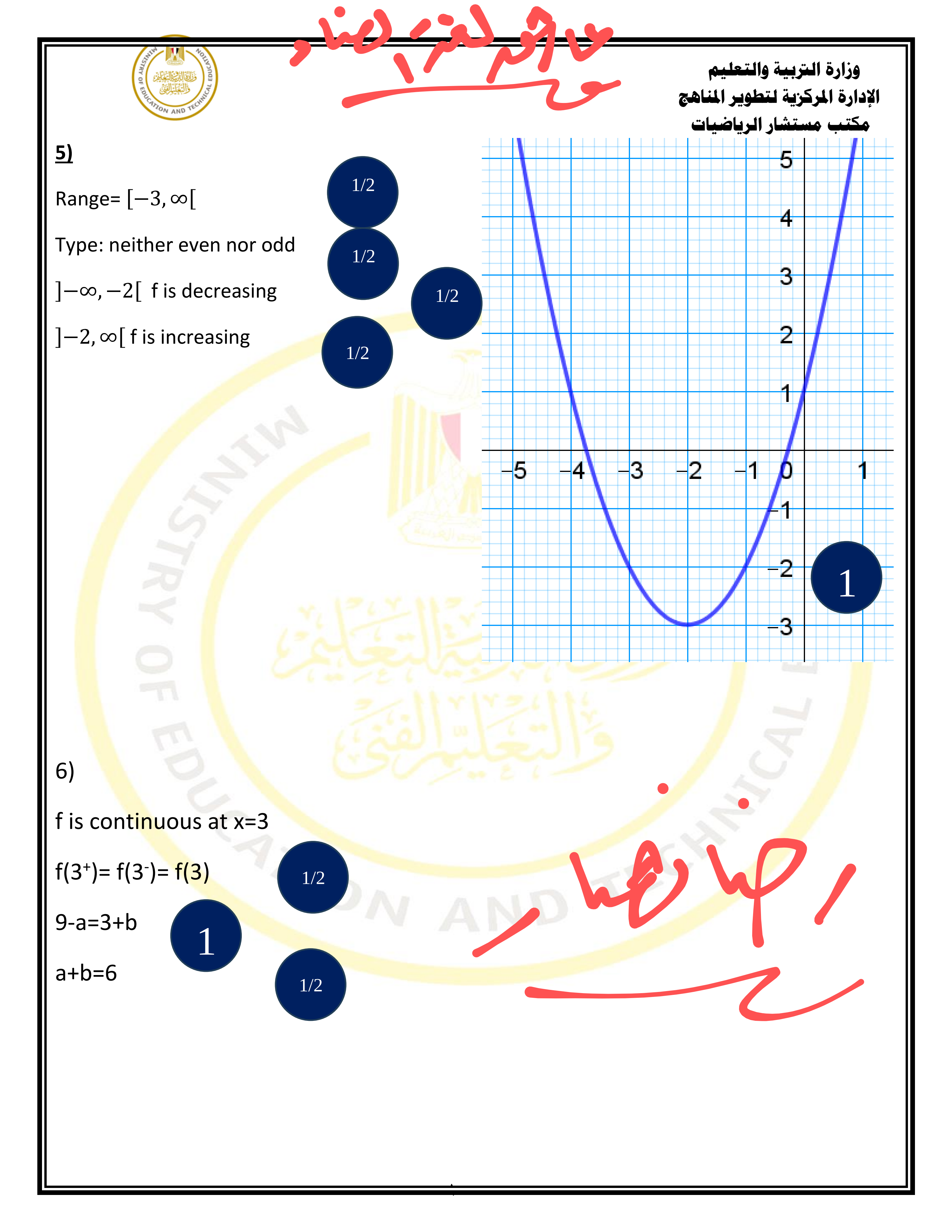
إجابة السؤال الثالث: (سبع درجات كل مفردة درجة واحدة)

المفردة	1	2	3	4	5	6	7
الإجابة	B	C	C	B	B	D	B

إجابة السؤال الرابع: (ست درجات كل مفردة درجة واحدة)

المفردة	1	2	3	4	5	6
الإجابة	B	D	B	A	B	C





5)

Range= $[-3, \infty[$

Type: neither even nor odd

$]-\infty, -2[$ f is decreasing

$]-2, \infty[$ f is increasing

6)

f is continuous at x=3

$f(3^+)= f(3^-)= f(3)$

$9-a=3+b$

$a+b=6$

أسئلة استرشادية للصف الثاني الثانوي

رياضيات (١) للقسم العلمي باللغة الإنجليزية

Question (1):

$$\lim_{x\to 1}\frac{x^3-6x}{5x}=\cdots$$

A. -1

B. $\frac{7}{5}$

C. zero

D. -5

Question (2):

In ΔABC , if b = 5 cm , m(∠B) =30° , then length of the diameter of the circumcircle of ΔABC equals …… cm.

A. $\frac{10\sqrt{3}}{3}$

B. 2.5

C. 10

D. $\frac{5\sqrt{3}}{2}$

Question (3) :

If $\lim_{h\to 0} \frac{(1+3h)^4-1}{h} = k, then\ k = \cdots$

A. 6

B. 4

C. 3

D. 12

Question (4)

The rule which does not represent a function is ……

A. $y = x^3+2$, $x \in [1,3[$

B. $y = 2x$, $x \in \mathbb{R}$

C. $y = \begin{cases} 2x+1 & , x \geq 2 \\ x^2-1 & , x \leq 2 \end{cases}$

D. $y = \begin{cases} x+1 & , x > 3 \\ 2x & , x \leq 3 \end{cases}$

Question (5) :

In ΔABC , if $a = 4$ cm , $m(\angle A) = 35°$, $m(\angle B) = 85°$, then the perimeter of $\Delta ABC \simeq$…….. cm.

A. 16

B. 17

C. 18

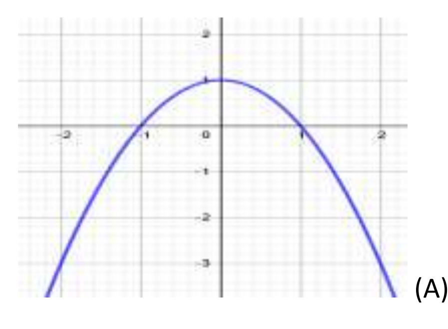
D. 19

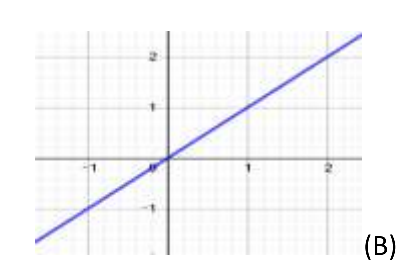
Question (6) :

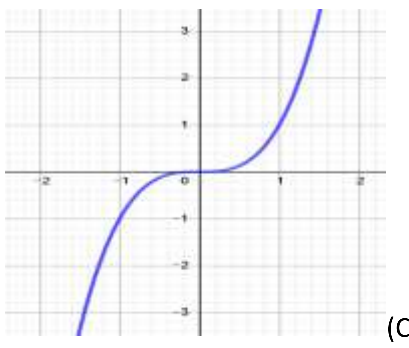
If f and g are two real functions where $f(x)= x^2-4$ and $g(x)=\sqrt{8-x}$, then determine the domain of the function $\frac{g}{f}(x)$.

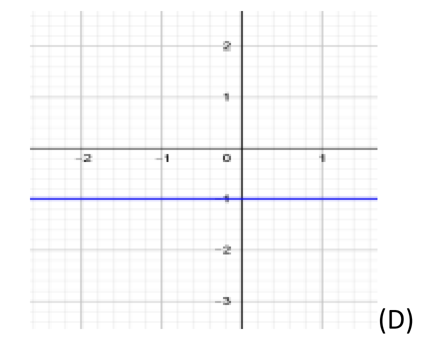
Question (7) :

The graph which represents a cubic function is ……..


(A)


(B)


(C)


(D)

A. (B)

B. (A)

C. (C)

C. (D)

Question (8) :

The function f where $f(x)= \begin{cases} 2 - x & , -2 \leq x \leq 1 \\ x & , 1 < x \leq 5 \end{cases}$

is ………..

A. decreasing on]-2 , 1[

B. decreasing on]1 , 5[

C. increasing on]-2 , 5[

D. increasing on]-2 , 1[

Question (9) :

If $f : \mathbb{R}^* \to \mathbb{R}$ where $f(x)= \frac{1}{x} +3$, then f(x) is ……..

A. odd

B. even

C. not one-to-one

D. one-to-one

Question (10) :

If the graph of the function f : $f(x) = \log_{\frac{1}{2}} x$ passes through the point (512 , k),then find the value of k.

Question (11) :

Find $\lim_{x\to 0} \frac{2\sin^2 x}{1 - \cos^4 x}$

Question (12) :

If ABCD is parallelogram, then $\frac{AD}{\sin(\angle DBA)}$ = ……..

A. $\frac{BC}{\sin(\angle CBD)}$

B. $\frac{AB}{\sin(\angle ABD)}$

C. $\frac{DC}{\sin(\angle DBC)}$

D. $\frac{\sin(\angle A)}{BD}$



كيفية طباعة صفحات معينة من ملف معين



مثلا ازاى نطبع الصفحات من صفحة 4 الى صفحة 9

خطوة 1

خطوة 2
اختيار اسم الطابعة بتاعتك

خطوة 3
كتابة الصفحات المراد طباعتها
نكتب رقم 4 ثم نكتب الشرطة دي – ثم نكتب 9

4 - 9

خطوة 4
اختيار نوع الورق

خطوة 5
اختيار A4

خطوة 6